

## 800 WATER SUPPLY & DISTRIBUTION

### ITEM 815 - CRUSHED STONE OR GRAVEL

**815.01 Description**

**815.02 Crushed Stone or Gravel**

**815.03 Construction**

**815.04 Method of Measurement**

**815.05 Basis of Payment**

**815.01 Description.** Under this item crushed stone or gravel for backfill or trench topping shall be placed wherever shown or ordered by the Engineer and the Contractor shall furnish all labor, material, tools and equipment necessary to spread, roll or tamp the crushed stone or gravel. When crushed stone or gravel is used as trench topping, the Contractor shall treat the surface with calcium chloride and shall maintain the trench topping where ordered and as specified, until the permanent pavement has been restored.

**815.02 Crushed Stone or Gravel.** The crushed stone or gravel shall be 100 percent crushed and shall be graded in accordance with *Section 304.02*.

**815.03 Construction.** Where crushed stone or gravel is specified or ordered by the Engineer as trench topping, the Contractor shall furnish and place the material over the full width of the excavated space from the top of the backfill up to the surface of the adjoining pavement. In areas where use of the natural soil as backfill is permitted and trench topping is required or ordered, it shall be placed over the designated area to a depth of 3 inches (76 mm). The material so used as trench topping shall conform to the surface of the adjacent pavement or area. The finished surface shall be immediately dust proofed by treatment with calcium chloride and this treatment repeated at such subsequent intervals as required to alleviate the dust or as ordered by the Engineer. Any settlement or irregularities which occur in the trench topping before placement of the permanent paving shall be refilled with crushed stone or gravel and compacted and treated as specified above.

In many areas the Engineer will order temporary bituminous topping. In such areas, the Contractor shall furnish and place crushed stone or gravel trench topping as specified above, except that it need not be dust proofed and it shall not extend above a level 2 inches (51 mm) below the adjacent undisturbed pavement.

**815.04 Method of Measurement.** Crushed stone or gravel to be paid for under this item and used as water main trench topping, shall be measured for payment on the basis of 4000 pounds per cubic yard ( $2373 \text{ kg/m}^3$ ), multiplied by the actual volume of the trench topping placed. In no case shall payment be made for trench topping placed beyond the limiting lines shown for excavation, unless such work is specifically ordered by the Engineer.

**815.05 Basis of Payment.** The price bid per *cubic yard (cubic meter)* for crushed stone or gravel under this item shall include furnishing of all labor, material, tools and equipment necessary to place and maintain the material as trench topping as specified or ordered.

Payment will be made at the contract price for:

<b>Item</b>	<b>Unit</b>	<b>Description</b>
815	<i>Cubic Yard (Cubic Meter)</i>	Crushed Stone or Gravel